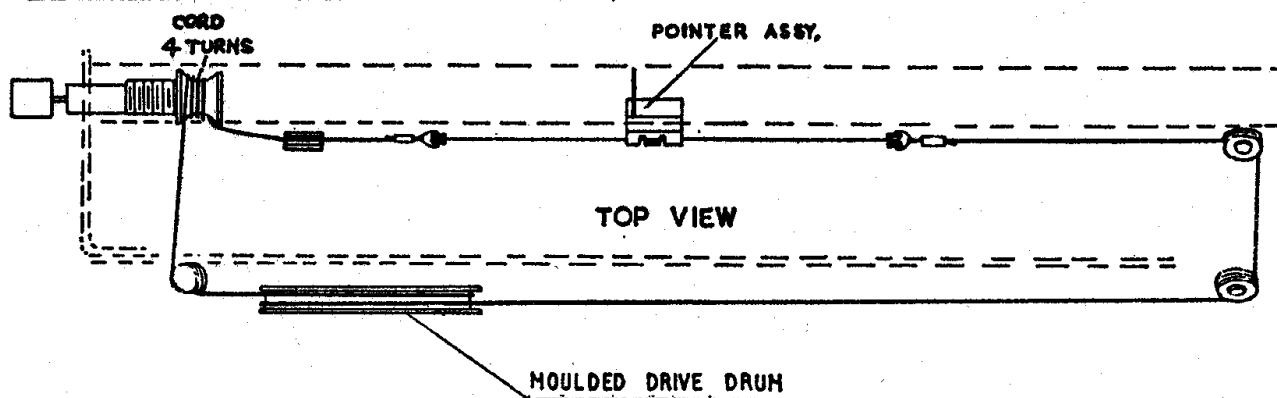
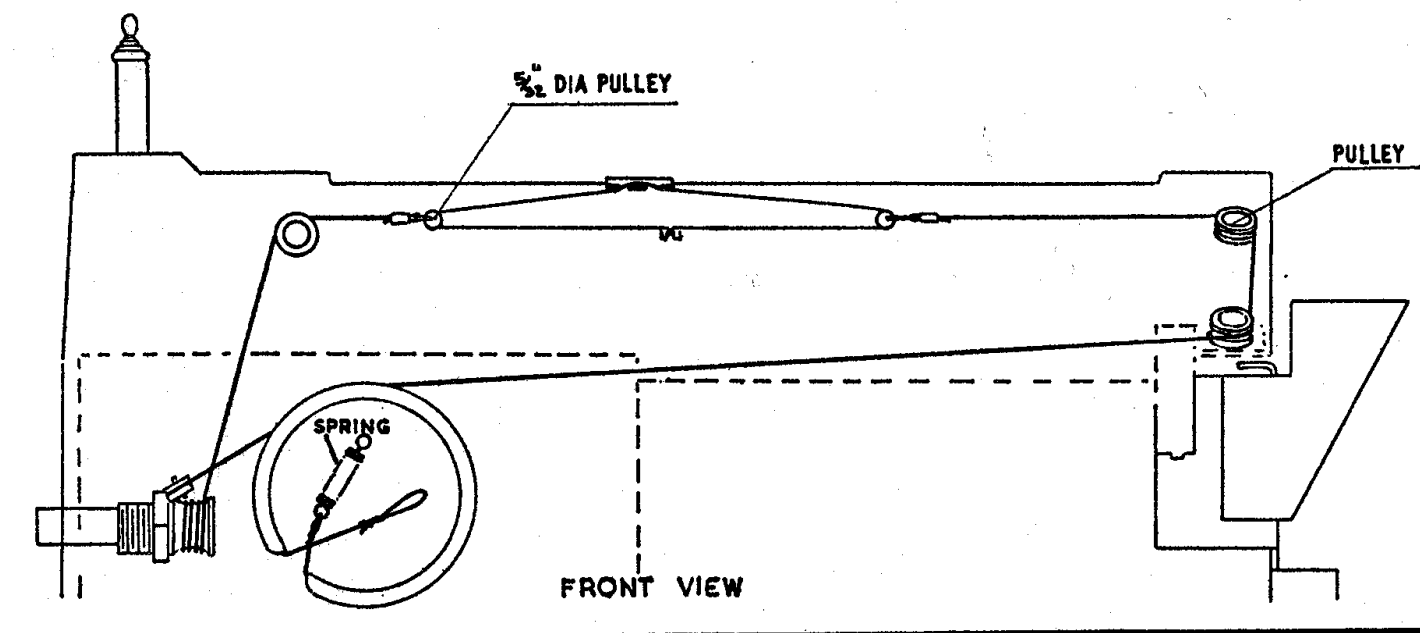


Wavebands: L.W. 1145-2000 m.; M.W. 200-560 m.; Bandsread 183-218 m.

Alignment: I.F. 470 kc/s. (T₃, T₂, T₁); M.W. 600 kc/s. (L₈, L₂); 1500 kc/s. (C₁₇, C₃); L.W. 166.6 kc/s. (C₁₃, L₃); Bandsread 1620 kc/s. (C₁₉, C₁).

The schematic diagram illustrates the internal circuitry of a portable transistor radio receiver, Model 100. The circuit is powered by a 1.5V battery (C1) and a 3V battery (C23). The antenna is connected to a CAR A1 SOCKET and a FERRITE ROD A2. The tuner section includes a variable capacitor (C1) and a variable inductor (L1). The mixer section consists of a 7V0-7ma MIXER TRI (T1) and a 0.9V AF 117. The IF amplifier section includes a 7V0-7ma IF AMP TRI (T2) and a 0.9V AF 117. The detector section includes a 0.9V AF 117 and a 0.9V AF 117. The speaker is connected to a 3V battery (C23) and a 10 680 ohm resistor (R10). The circuit also includes various resistors (R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100) and capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100).

CIRCUIT DIAGRAM—



CORD DRIVE DETAILS